

Title (en)

SYSTEM AND METHOD FOR OFDMA RESOURCE ALLOCATION

Title (de)

SYSTEM UND VERFAHREN FÜR DIE ZUWEISUNG VON OFDMA-RESSOURCEN

Title (fr)

SYSTÈME ET PROCÉDÉ PERMETTANT UNE ATTRIBUTION DE RESSOURCE OFDMA

Publication

EP 3146756 A4 20170712 (EN)

Application

EP 15806455 A 20150603

Priority

- US 201462011475 P 20140612
- US 201462020902 P 20140703
- US 201462028208 P 20140723
- US 201514720680 A 20150522
- CN 2015080668 W 20150603

Abstract (en)

[origin: WO2015188717A1] Channel estimation performance may be improved by including more long training fields (LTFs) in a frame than Institute of Electrical and Electronic Engineers (IEEE) technical standard (TS) 802.11ac requires for the number of space-time streams. This may be particularly advantageous in orthogonal frequency division multiple access (OFDMA) networks, as it may allow the LTF sections of frames carrying different numbers of space-time streams to be aligned in the time domain.

IPC 8 full level

H04W 24/00 (2009.01); **H04L 1/06** (2006.01); **H04L 5/00** (2006.01); **H04L 25/02** (2006.01)

CPC (source: EP KR RU US)

H04B 7/04 (2013.01 - EP US); **H04L 1/0618** (2013.01 - KR RU US); **H04L 5/0007** (2013.01 - KR); **H04L 5/0048** (2013.01 - EP RU US); **H04L 25/0202** (2013.01 - KR); **H04L 25/0226** (2013.01 - KR); **H04L 27/261** (2013.01 - EP RU US); **H04W 28/00** (2013.01 - RU); **H04L 5/0023** (2013.01 - EP US); **H04L 25/0226** (2013.01 - EP US)

Citation (search report)

- [X] WO 2012148488 A1 20121101 - INTEL CORP [US], et al
- [X] US 2012189085 A1 20120726 - SHI KAI [US]
- [X] US 8737189 B2 20140527 - HANSEN CHRISTOPHER J [US], et al
- [X] WO 2013169756 A1 20131114 - QUALCOMM INC [US]
- See also references of WO 2015188717A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015188717 A1 20151217; CA 2951732 A1 20151217; CA 2951732 C 20190924; CN 105794257 A 20160720; CN 105794257 B 20200714; EP 3146756 A1 20170329; EP 3146756 A4 20170712; EP 3146756 B1 20190220; JP 2017523665 A 20170817; KR 20170016979 A 20170214; RU 2017100672 A 20180712; RU 2017100672 A3 20180712; RU 2666623 C2 20180911; US 2015365257 A1 20151217

DOCDB simple family (application)

CN 2015080668 W 20150603; CA 2951732 A 20150603; CN 201580002914 A 20150603; EP 15806455 A 20150603; JP 2016572463 A 20150603; KR 20177000962 A 20150603; RU 2017100672 A 20150603; US 201514720680 A 20150522